

APPENDIX ASENSITIVE ARMS . AMMUNITION. AND
EXPLOSIVES
SECURITY RISK CATEGORIESA. GENERAL

The broad scope and applicability of the requirements of this Manual are stated in section B., Chapter 1, above. This Appendix lists specific arms, ammunition, and explosives determined to be sensitive in security risk categories I through IV for this Manual and provides a Decision Logic Table for uniform identification and codification of ammunition and explosive items. As provided in subsection B.4., Chapter 1, DoD Components are responsible for prescribing security requirements for AA&E items outside the scope of this Manual.

1. On the basis of their relative utility, attractiveness, and availability to criminal elements, AA&E shall be categorized according to the risks involved. As a general rule, only arms, missiles, rockets, explosive rounds, mines, and projectiles that have a unpacked unit weight of 100 pounds or less shall be categorized as sensitive for purposes of this Manual. Any single container that contains a sufficient amount of spare parts that, when assembled, will perform the basic function of the end item shall be categorized the same as the end item.

2. The categories of missiles and rockets shall be as stated in section B., below. Conventional missiles and rockets which meet the definition of category I shall be included automatically in that category as they come into the inventory.

3. Sensitive conventional arms, ammunition, explosives, rocket and missile identifications, codings, corollary plans, and actions for physical security accountability and transportation shall be uniform throughout the Department of Defense. These items shall be integrated into standard catalog data by all services and shall be included in applicable documents that address physical security, accountability, storage, transportation, and other related functional activities. DoD Component item managers, through joint-Service coordination, shall use the Decision Logic Table (section E., below) for uniform identification and codification of ammunition and explosive items. Examples are in section D., below.

4. To ensure a uniform approach to sensitive item identification and coding, the DoD Components shall incorporate the criteria into their respective cataloging policies and procedures. Additionally, the criteria shall become a part of the Federal cataloging system.

5. The DoD Components shall review periodically ammunition and explosives coding by means of routine catalog data changes. The exception to applying the methodology in subsection A.3., above, shall be when joint-Service agreement is reached on a **case-by-case** basis to place an item in a higher or lower security risk category than that indicated by the total numerical value, or when evidence of theft, diversion or misuse requires higher coding.

B. MISSILES AND ROCKETS

1. Category I. Manportable missiles and rockets when in a ready to fire configuration. Included in this group are the Redeye, Stinger, Dragon, Javelin, light antitank weapon (LAW)(66mm), shoulder-launched multi-purpose assault weapon (SMAW)

rocket (83mm), M136 (AT4) antiarmor launcher and cartridge (84mm), and tube launch opt ical l y guided weapon (TOW). These same weapons when jointly stored or transported with the launcher tube and/or gripstock and the explosive round, though not in ready to fire configuration, shall be considered a Category I item.

2. Category II. Missiles and rockets that are crew-served or require platform-mounted launchers and other equipment to function. Included in this group are the tube-launched optically guided weapon (TOW) and Hydra-70.

3. Category III. Missiles and rockets that require platform-mounted launchers and complex hardware and software equipment to function. Included in this group is the Hellfire missile.

C. ARMS

1. Category II. Light automatic weapons up to and including .50 caliber and 40mm MK 19 machine guns. (1)

2* Category 111

a. Launch tube and gripstock for the Stinger missile.

b. Launch tube, sight assembly, and gripstock for Redeye missiles.

c. Tracker for the Dragon
Missile

d. Mortar tubes up to and including 81mm.

e. Grenade launchers.

f. Rocket and missile launchers, unpacked weight of 100 pounds or less.

g. Flame throwers.

h. The launcher or missile guidance set, or the optical sight for the TOW.

3. Category IV

a. Shoulder-fired weapons, other than grenade launchers, not fully automatic.

b. Handguns.

c. Recoilless rifles up to and including 106mm.

D. -ITION AND EXPLOSIVES

1. CATEGORY I. Complete explosive rounds for Category I missiles and rockets (section B., above).

2. CATEGORY II

a. Hand or rifle grenades, high explosive, and white phosphorous.

b. Mines, antitank, or antipersonnel (unpacked weight of 50 pounds or less each).

c. Explosives used in demolition operations, C-4, military dynamite, and TNT with unpacked weight of 100 pounds or less.

d. Warheads for sensitive missiles and rockets weighing less than 50 pounds each.

e. The binary intermediates "DF" and "QL" when stored separately from each other and from the binary chemical munition bodies in which they are intended to be employed (see DoD Directive

(1) Weapon components such as silencers, mufflers, and noise suppression devices will be treated as Category II items.

5210.65 (reference (y)), for security requirements for other chemical agents).

3. Category III

a. Ammunition, .50 caliber and larger, with explosive filled projectile (unpacked weight of 100 pounds or less).

b Grenades (incendiary) and fuses for high explosive grenades.

c. Blasting caps.

d. Supplementary charges

e. Bulk explosives

d. Detonating cord.

f. Warheads for sensitive missiles and rockets weighing more than 50 pounds but less than 100 pounds each.

4. Category IV

a. Ammunition with nonexplosive projectile (unpacked weight of 100 pounds or less each)

b. Fuses, except for paragraph D.3.b., above.

c. Grenades (illumination, smoke, and CS).

d. Incendiary destroyers.

e. Riot control agents, 100 pound package or less.

f. Ammunition for weapons in section C., above, not otherwise categorized.

g. Explosive compounds of sensitive missiles and rockets (except warheads).

h. Warheads for precision guided munitions (PGM) weighing more than 50 pounds (unpacked weight).

5. Commutation of Risk Factor Numerical Values. The DoD Components shall use the logic table, beginning on page A-6, to determine the numerical values and the physical security risk category codes as listed in that order below. (Use only one factor value for each column and total the numbers for each column to obtain the security risk category.)

Evaluation

High Sensitivity	(4-5)	II
Moderate Sensitivity	(6-8)	III
Low Sensitivity	(9-12)	IV
Nonsensitive	(13-16)	—

DECISION LOGIC TABLE

The Decision Logic Table uses four risk factors: utility, casualty and or damage effect, adaptability? and portability as described below to evaluate the sensitivity of the AA&E item.

1. Risk Factors

a. Utility

<u>Risk Factor</u>	<u>Utility</u>	<u>Description</u>
1	High	High explosive, concussion, and fragmentation devices.
2	Moderate	Small arms ammunition.
3	Low	Ammunition items not described above--NONLETHAL, civil disturbance chemicals, incendiary devices.
4	Impractical	Practice, inert, or dummy munitions; small electric explosive devices; fuel thickening compound; or items possessing other characteristics that clearly and positively negate potential use by terrorist, criminal, or dissident factions.

b. Casualty and or Damage Effect

<u>Risk Factor</u>	<u>Casualty/Damage Effect</u>	<u>Description</u>
1	High	Extremely damaging or lethal to personnel; devices that will probably cause death to personnel or major material damage.
	Moderate	Moderately damaging or injurious to personnel; devices that could probably cause personnel injury or material damage.
3	Low	Temporarily incapacitating to personnel.
4	None	Flammable items and petroleum based products readily obtainable from commercial sources.

c. Adaptability

<u>Risk Factor</u>	<u>Adaptability</u>	<u>Description</u>
1	High	Without Modification: Usable as is, simple to function without use of other system components.
2	Moderate	Slight Modification: Other system components required; or can be used with slight modification.
3	Low	Major Modification: Other Components that are not available on the commercial market are required; or can be used with modification that changes that configuration.
4	Impracticable	Requires specified functions or environmental sequences that are not readily reproducible, or construction makes it incapable of producing high order detonation; for example, gas generator grains and impulse cartridges.

d. Portability

<u>Risk Factor</u>	<u>Portability</u>	<u>Description</u>
1	High	Items that easily can be carried by one person and easily concealed.
2	Moderate	Items whose shape, size, and weight allows them to be carried by one person for short distance.
3	Low	An item whose shape, size, and weight requires at least two persons to carry.
4	Materials Handling Equipment (MHE) Required	The weight, size, and shape of these items preclude the movement without MHE.